

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-40 (Canceled).

Claim 41 (Currently amended): An image capture apparatus comprising:

an image capture unit adapted to capture image data;

a memory adapted to store the image data captured by the image capture unit;

an image compression unit adapted to compress the image data stored in the memory;

an image display unit adapted to display an image using the image data stored in the memory;

a control unit adapted to control the image capture apparatus; ~~and~~

a refresh control unit ~~coupled to the memory, and~~ adapted to refresh the memory; ~~and~~

~~wherein the image capture apparatus further comprises~~ an arbitration unit adapted (a) to assign a higher priority to a process of providing image data from the image capture unit to the memory than a process of refreshing the memory and a process of accessing the memory by the control unit, (b) to assign a higher priority to a process of refreshing the memory and a process of accessing the memory by the control unit than a process of ~~providing image data from compressing image data stored in the memory to~~ by the image compression unit, ~~and~~ (c) to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory and a process of accessing the memory by the control unit, and (d) to assign a higher priority to a process of refreshing the memory than a process of accessing the memory by the control unit

~~wherein the image capture apparatus is capable of performing a process of displaying an image using the image data stored in the memory in parallel with a process of compressing the image data stored in the memory.~~

Claim 42 (Canceled).

Claim 43 (Previously presented): An image capture apparatus according to claim 41, wherein the image capture apparatus is an electronic camera.

Claims 44-54 (Canceled).

Claim 55 (Currently amended): An image capture apparatus according to claim 41, wherein in a blanking period, the refresh control arbitration unit is adapted to refresh the memory in a blanking period enables a process of refreshing the memory.

Claims 56-57 (Cancelled).

Claim 58 (New). An image capture apparatus comprising:

- an image capture unit adapted to capture image data;
- a memory adapted to store the image data captured by the image capture unit;
- an image processing unit adapted to rotate the image data stored in the memory;
- an image display unit adapted to display an image using the image data stored in the memory;
- a control unit adapted to control the image capture apparatus;
- a refresh control unit adapted to refresh the memory; and
- an arbitration unit adapted (a) to assign a higher priority to a process of providing image data from the image capture unit to the memory than a process of refreshing the memory and a process of accessing the memory by the control unit, (b) to assign a higher priority to a process of refreshing the memory and a process of accessing the memory by the control unit than a

process of rotating image data stored in the memory by the image processing unit, (c) to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory and a process of accessing the memory by the control unit, and (d) to assign a higher priority to a process of refreshing the memory than a process of accessing the memory by the control unit.

Claim 59 (New). An image capture apparatus according to claim 58, wherein the image capture apparatus is an electronic camera.

Claim 60 (New). An image capture apparatus according to claim 58, wherein in a blanking period, the arbitration unit enables a process of refreshing the memory.

Claim 61 (New). An image capture apparatus comprising:

- an image capture unit adapted to capture image data;

- a memory adapted to store the image data captured by the image capture unit;

- an image processing unit adapted to change an image size of the image data stored in the memory;

- an image display unit adapted to display an image using the image data stored in the memory;

- a control unit adapted to control the image capture apparatus;

- a refresh control unit adapted to refresh the memory; and

- an arbitration unit adapted (a) to assign a higher priority to a process of providing image data from the image capture unit to the memory than a process of refreshing the memory and a process of accessing the memory by the control unit, (b) to assign a higher priority to a process of refreshing the memory and a process of accessing the memory by the control unit than a process of changing an image size of image data stored in the memory by the image processing

unit, (c) to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory and a process of accessing the memory by the control unit, and (d) to assign a higher priority to a process of refreshing the memory than a process of accessing the memory by the control unit.

Claim 62 (New). An image capture apparatus according to claim 61, wherein the image capture apparatus is an electronic camera.

Claim 63 (New). An image capture apparatus according to claim 61, wherein in a blanking period, the arbitration unit enables a process of refreshing the memory.